

## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Methods of Manipulating and Sequencing Nucleic Acid Molecules Using Transposition and Recombination																																																																																																																
<p>Application Number: 09/695065</p> <p>Confirmation Number: 1682</p> <p>First Named Applicant: Michael Brasch</p> <p>Attorney Docket Number: 0942.5000001</p> <p>Search string: ( 4683195 or 4683202 or 4965188 or 5093257 or 5102797 or 5159062 or 5286632 or 5334375 or 5334575 or 5378618 or 5527695 or 5605793 or 5650308 or 5650557 or 5728551 or 5801030 or 5814300 or 5837458 or 5929307 or 5962255 or 5981177 or 6080576 or 6143557 or 6225121 or 6262341 or 6270969 or 6271436 or 6277608 or 6361972 or 6365377 or 6410266 or 6410317 or 6436707 or 20020007051 or 20030027337 ).pn.</p> <p><b>US Patent Documents</b></p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td>1</td><td>4683195</td><td>1987-07-28</td><td>Mullis et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>2</td><td>4683202</td><td>1987-07-28</td><td>Mullis</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>3</td><td>4965188</td><td>1990-10-23</td><td>Mullis et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>4</td><td>5093257</td><td>1992-03-03</td><td>Gray, G.L.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>5</td><td>5102797</td><td>1992-04-07</td><td>Tucker et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>6</td><td>5159062</td><td>1992-10-27</td><td>Knapp et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>7</td><td>5286632</td><td>1994-02-15</td><td>Jones, D.H.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>8</td><td>5334375</td><td>1994-08-02</td><td>Nabi et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>9</td><td>5334575</td><td>1994-08-02</td><td>Noonan et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>10</td><td>5378618</td><td>1995-01-03</td><td>Sternberg et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>11</td><td>5527695</td><td>1996-06-18</td><td>Hodges et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>12</td><td>5605793</td><td>1997-02-25</td><td>Stemmer, W.P.C.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>13</td><td>5650308</td><td>1997-07-22</td><td>Baum, J.A.</td><td></td><td></td><td></td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	<input checked="" type="checkbox"/>	1	4683195	1987-07-28	Mullis et al.				<input type="checkbox"/>	2	4683202	1987-07-28	Mullis				<input type="checkbox"/>	3	4965188	1990-10-23	Mullis et al.				<input type="checkbox"/>	4	5093257	1992-03-03	Gray, G.L.				<input type="checkbox"/>	5	5102797	1992-04-07	Tucker et al.				<input type="checkbox"/>	6	5159062	1992-10-27	Knapp et al.				<input type="checkbox"/>	7	5286632	1994-02-15	Jones, D.H.				<input type="checkbox"/>	8	5334375	1994-08-02	Nabi et al.				<input type="checkbox"/>	9	5334575	1994-08-02	Noonan et al.				<input type="checkbox"/>	10	5378618	1995-01-03	Sternberg et al.				<input type="checkbox"/>	11	5527695	1996-06-18	Hodges et al.				<input type="checkbox"/>	12	5605793	1997-02-25	Stemmer, W.P.C.				<input checked="" type="checkbox"/>	13	5650308	1997-07-22	Baum, J.A.			
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<input checked="" type="checkbox"/>	33	6436707	2002-08-20	Zambrowicz et al.	

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	20020007051	2002-01-17	Cheo et al.			
<input checked="" type="checkbox"/>	2	20030027337	2003-02-06	Droge et al.			

Signature

Examiner Name	Date
<i>Wale</i>	3/22/2004

FORM PTO-1449

## THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0942.5000001/RWE/BJD/JKMAPPLICATION NO.  
09/695,065APPLICANT  
BRASCH *et al.*FILING DATE  
October 25, 2000GROUP  
1634

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>m</i>	AA8	4,626,505	12/02/1986	Falco	435	172.3	02/24/1984
	AB8						
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>1</i>	AR	<u>105</u>	
<i>m</i>	AS	<u>105</u>	Barnes, G., and Rine, J., "Regulated expression of endonuclease <i>EcoRI</i> in <i>Saccharomyces cerevisiae</i> : Nuclear entry and biological consequences," <i>Proc. Natl. Acad. Sci. USA</i> 82: 1354-1358, National Academy of Sciences (1985).
<i>m</i>	AT	<u>105</u>	Bauer, C.E. <i>et al.</i> , "Extent of Sequence Homology Required for Bacteriophage Lambda Site-specific Recombination," <i>J. Mol. Biol.</i> 181: 187-197, Academic Press Inc. (1985).

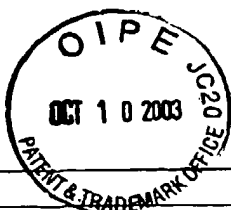
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>m</i>	AA9	6,066,778	05/23/2000	Ginsburg <i>et al.</i>			11/06/1996
	AB9						
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>m</i>	AR	<u>111</u>	Johnson, R.C., <i>et al.</i> , "Isolation of the gene encoding the Hin recombinational enhancer binding protein," <i>Proc. Nat'l. Acad. Sci. USA</i> 85:3484-3488, National Academy of Sciences (1988).
<i>I</i>	AS	<u>111</u>	Koch, C., <i>et al.</i> , "Escherichia coli host factor for site-specific DNA inversion: Cloning and characterization of the <i>fis</i> gene," <i>Proc. Nat'l. Acad. Sci. USA</i> 85: 4237-4241, National Academy of Sciences (1988).
<i>↓</i>	AT	<u>111</u>	Murayama, N., <i>et al.</i> , "Evidence for Involvement of <i>Escherichia coli</i> Genes <i>pmbA</i> , <i>csrA</i> and a Previously Unrecognized Gene <i>tldD</i> , in the Control of DNA Gyrase by <i>letD</i> ( <i>ccdB</i> ) of Sex Factor F," <i>J. Mol. Biol.</i> 256:483-502, Academic Press Limited (1996).

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	AM						Yes No
	AN						Yes No
	AO						Yes No
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>107</u>	Enquist, L.W., and Weisberg, R.A., "The Red Plaque Test: A Rapid Method for Identification of Excision Defective Variants of Bacteriophage Lambda," <i>Virology</i> 72: 147-153, Academic Press, Inc. (1976).
	AS	<u>107</u>	Iino, T., and Kutsukake, K., "Trans-acting Genes of Bacteriophages P1 and Mu Mediate Inversion of a Specific DNA Segment Involved in Flagellar Phase Variation of <i>Salmonella</i> ," <i>Cold Spring Harbor Symposia on Quantitative Biology</i> 45: 11-16, Cold Spring Harbor Laboratory (1981).
	AT	<u>107</u>	Klippel, A. <i>et al.</i> , "Isolation and characterization of unusual <i>gin</i> mutants," <i>The EMBO Journal</i> 7: 3983-3989, IRL Press Inc. (1988).

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	AP						Yes No

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	AR	<u>108</u>	Langeveld, S.A. <i>et al.</i> , "Expression of an <i>Escherichia coli</i> <i>phr</i> gene in the yeast <i>Saccharomyces cerevisiae</i> ," <i>Mol. Gen. Genet.</i> 199: 396-400, Springer-Verlag (1985).
	AS	<u>108</u>	Miller, H.I. <i>et al.</i> , " <i>int-h</i> : an <i>int</i> Mutation of Phage $\lambda$ That Enhances Site-Specific Recombination," <i>Cell</i> 20: 721-729, MIT (1980).
	AT	<u>108</u>	Okayama, H., and Berg, P., "Bacteriophage Lambda Vector for Transducing a cDNA Clone Library into Mammalian Cells," <i>Molecular and Cellular Biology</i> 5: 1136-1142, American Society for Microbiology (1985).

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	AR	<u>109</u>	Sauer, B., "Expression and Functioning in Yeast of a Bacterial Site Specific Recombination System," <i>J. Cell. Bio. Chem. Supp.</i> 10(b): 242 (1340), Alan R. Liss, Inc. (1986).
	AS	<u>109</u>	Sauer, B., and Henderson, N., "Site-specific DNA recombination in mammalian cells by the Cre recombinase of bacteriophage P1," <i>Proc. Natl. Acad. Sci. USA</i> 85: 5166-5170, National Academy of Sciences (1988).
	AT	<u>109</u>	Scott, S.D., and Marples, B., "Comment on the use of the cre/loxP recombinase system for gene therapy vectors," <i>Gene Therapy</i> 7: 1706, Macmillan Publishers Ltd. (2000).

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<i>u</i>	AR	<u>110</u>	Vetter, D. <i>et al.</i> , "Site-specific recombination of yeast 2- $\mu$ m DNA <i>in vitro</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 80: 7284-7288, National Academy of Sciences (1983).
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	AT	<u>110</u>	

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	AP9			X			Yes No

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	AR	110	X
m	AS	110	Cormack, B., "Directed Mutagenesis Using the Polymerase Chain Reaction," in <i>Current Protocols in Molecular Biology</i> , Ausubel, F.M., <i>et al.</i> , eds., John Wiley & Sons, Inc., New York, NY, pp. 8.5.1-8.5.10 (1997).
m	AT	110	Feinbaum, R., "Vectors Derived from Plasmids," in <i>Current Protocols in Molecular Biology</i> , Ausubel, F. M., <i>et al.</i> , eds., John Wiley & Sons, Inc., New York, NY, pp.1.5.1-1.5.17 (1998).

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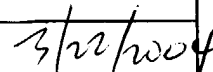
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	AR	<u>112</u>	Osuna, R., <i>et al.</i> , "Identification of two functional regions in Fis: the N-terminus is required to promote Hin-mediated DNA inversion but not $\lambda$ excision," <i>The EMBO Journal</i> 10: 1593-1603, Oxford University Press (1991).
	AS	<u>112</u>	Sambrook, J., <i>et al.</i> , <i>Molecular Cloning: A Laboratory Manual</i> , 2nd ed., Cold Spring Harbor Laboratory Press, New York, NY, pp. 16.6-16.8, (1989).
	AT	<u>112</u>	Stryer, L., "The DNA Template Contains Stop Signals for transcription," in <i>Biochemistry</i> , 2nd ed., W.H. Freeman and Co., New York, NY, p. 610 (1981).

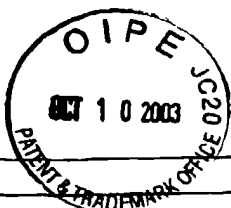
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FORM PTO-1449

## FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0942.5000001/RWE/BJD/JKMAPPLICATION NO.  
09/695,065APPLICANT  
BRASCH *et al.*FILING DATE  
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## U.S. PATENT DOCUMENTS

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	AL						Yes No
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	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>113</u>	Pending U.S. Non-Provisional Patent Application No. 09/498,074, filed February 4, 2000.
	AS	<u>113</u>	Pending U.S. Non-Provisional Patent Application No. 09/648,790, filed August 28, 2000.
	AT	<u>113</u>	Pending U.S. Non-Provisional Patent Application No. 09/984,239, filed October 29, 2001.

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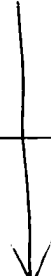
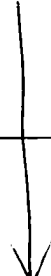
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	AR	<u>114</u>	Pending U.S. Non-Provisional Patent Application No. 10/005,876, filed December 7, 2001.
	AS	<u>114</u>	Pending U.S. Non-Provisional Patent Application No. 10/058,292, filed January 30, 2002.
	AT	<u>114</u>	Pending U.S. Non-Provisional Patent Application No. 10/300,892, filed November 21, 2002.

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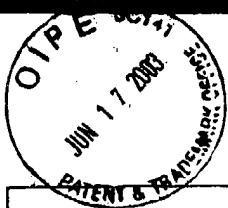
	AR	<u>115</u>	Pending U.S. Non-Provisional Patent Application No. 10/396,696, filed March 26, 2003
	AS	<u>115</u>	Pending U.S. Non-Provisional Patent Application No. 10/454,793, filed June 5, 2003.
	AT	<u>115</u>	Pending U.S. Non-Provisional Patent Application No. 10/640,422, filed August 14, 2003.

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FORM PTO-1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0942.5000001/RWE/BJD/JKM	APPLICATION NO. 09/695,065
	APPLICANT Brasch et al.	
	FILING DATE October 25, 2000	GROUP 1682

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I	AN6	WO 90/11375	10/04/1990	WIPO			Yes No
	AO6	EP 0 427 074	05/15/1991	Europe			Yes No
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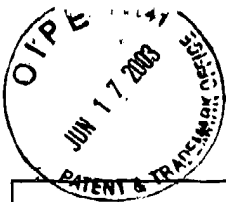
## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

m	AR	85	Akagi, K., et al., "Cre-mediated somatic site-specific recombination in mice," Nucl. Acids Res. 25:1781-1788, Oxford University Press (1997).
I	AS	85	Aladjem, M.I., et al., "Positive Selection of FLP-Mediated Unequal Sister Chromatid Exchange Products in Mammalian Cells," Mol. Cell. Biol. 17:857-861, American Society for Microbiology (1997).
↓	AT	85	Angrand, P.-O., et al., "Inducible expression based on regulated recombination: a single vector strategy for stable expression in cultured cells," Nucl. Acids Res. 26:3263-3269, Oxford University Press (July 1998).

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	AL7	WO 92/15694	09/17/1992	WIPO			Yes No
	AM7	WO 92/22650	12/23/1992	WIPO			Yes No
	AN7	EP 0 542 466	05/19/1993	Europe			Yes No
	AO7	WO 94/03624	02/17/1994	WIPO			Yes No
	AP7	WO 94/18333	08/18/1994	WIPO			Yes No

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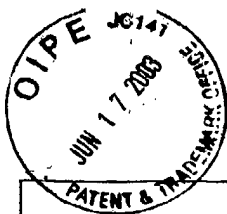
	AR	86	Ayres, E.K., et al., "Precise Deletions in Large Bacterial Genomes by Vector-mediated Excision (VEX). The trfA Gene of Promiscuous Plasmid RK2 is Essential for Replication in Several Gram-negative Hosts," J. Mol. Biol. 230:174-185, Academic Press Limited (1993).
	AS	86	Backman, K., et al., "Use of Synchronous Site-Specific Recombination In Vivo to Regulate Gene Expression," Bio/Technology 2:1045-1049, Nature Publishing Company (1984).
	AT	86	Bai, C., et al., "SKP1 Connects Cell Cycle Regulators to the Ubiquitin Proteolysis Machinery through a Novel Motif, the F-Box," Cell 86:263-274, Cell Press (1996).

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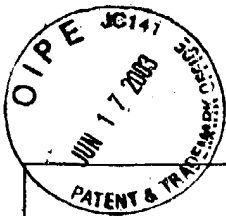
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	AMB	WO 96/30498	10/03/1996	WIPO			Yes No
	ANB	WO 96/40724	12/19/1996	WIPO			Yes No
	AOB	WO 01/07572	02/01/2001	WIPO			Yes No
	APB	WO 01/62892	08/30/2001	WIPO			Yes No

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	AR	87	Bernard, P. et al., "The F Plasmid CcdB Protein Induces Efficient ATP-dependent DNA Cleavage by Gyrase," J. Mol. Biol. 234:534-541, Academic Press (1993).
	AS	87	Boshart, M., et al., "A Very Strong Enhancer is Located Upstream of an Immediate Early Gene of Human Cytomegalovirus," Cell 41:521-530, The MIT Press (1985).
	AT	87	Bouhassira, E.E., et al., "Transcriptional Behavior of LCR Enhancer Elements Integrated at the Same Chromosomal Locus by Recombinase-Mediated Cassette Exchange," Blood 90:3332-3344, The American Society of Hematology (1997).

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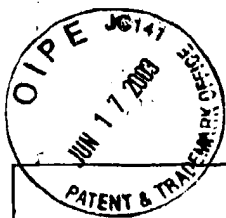
	AR	88	Choulaka, A., et al., "Transfer of Single Gene-Containing Long Terminal Repeats into the Genome of Mammalian Cells by a Retroviral Vector Carrying the cre Gene and the loxP Site." <i>J. Virol.</i> 70:1792-1798, American Society for Microbiology (1996).
	AS	88	Cigan, A.M., et al., "Mutational Analysis of the <i>HIS4</i> Translational Initiator Region in <i>Saccharomyces cerevisiae</i> ," <i>Mol. Cell. Biol.</i> 8:2964-2975, American Society for Microbiology (1988).
	AT	88	CLONTECH, "Creator™ Gene Cloning & Expression System," <i>CLONTECHniques</i> 15:7-11, CLONTECH (April 2000).

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	AM						Yes No
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>89</u>	CLONTECH, "New Additions to the Creator™ Platform," CLONTECHniques 16:4 pages, CLONTECH (January 2001).
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	AT	<u>89</u>	CLONTECH, "Creator™ Acceptor Vector Construction Kit," CLONTECHniques 16:2 pages, CLONTECH (October 2001).

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	AR	90	CLONTECH, "Creator" SMART Library Construction Kit," CLONTECHniques 16:2 pages, CLONTECH (October 2001).
	AS	90	CLONTECH, "Creator": The Universal Platform for Analysis of Gene Function," Powerpoint Presentation, 9 pages, CLONTECH, (July 21, 2001), available at <a href="http://www.clontech.com/products/families/creator/popups/slpage1.html">http://www.clontech.com/products/families/creator/popups/slpage1.html</a> .
	AT	90	CLONTECH, "Creator" pDNR-Dual Cloning Kit," CLONTECHniques 16:3 pages, CLONTECH, (October 2001).

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

ru	AR	91	Curcio, M.J., and Garfinkel, D.J., "Single-step selection for Tyl element retrotransposition," <i>Proc. Natl. Acad. Sci. USA</i> 88:936-940, National Academy of Sciences (1991).
↓	AS	91	Dijkema, R., et al., "Cloning and expression of the chromosomal immune interferon gene of the rat," <i>EMBO J.</i> 4:761-767, IRL Press Limited (1985).
↓	AT	91	Flanagan, P.M. and Fennwald, M.A., "Analysis of Inhibitors of the Site-specific Recombination Reaction Mediated by Tn3 Resolvase," <i>J. Mol. Biol.</i> 206:295-304, Academic Press Limited (1989).

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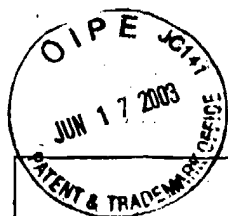
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	AR	92	Gay, P., et al., "Positive Selection Procedure for Entrapment of Insertion Sequence Elements in Gram-Negative Bacteria," <i>J. Bacteriol.</i> 164:918-921, American Society for Microbiology (1985).
	AS	92	Gay, P., et al., "Cloning Structural Gene <i>sacB</i> , Which Codes for Exoenzyme Levansucrase of <i>Bacillus subtilis</i> : Expression of the Gene in <i>Escherichia coli</i> ," <i>J. Bacteriol.</i> 153:1424-1431, American Society for Microbiology (1983).
	AT	92	Gorman, C.M., et al. "The Rous sarcoma virus long terminal repeat is a strong promoter when introduced into a variety of eukaryotic cells by DNA-mediated transfection," <i>Proc. Natl. Acad. Sci. USA</i> 79:6777-6781, National Academy of Sciences (1982).

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	AR	93	Grindly, N.D.F., and Kelley, W.S., "Effects of Different Alleles of the <i>E. coli</i> K12 <i>polA</i> Gene on the Replication of Non-transferring Plasmids," <i>Molec. Gen. Genet.</i> 143:311-318, Springer Verlag (1976).
	AS	93	Gronostajski, R.M., and Sadowski, P.D., "The FLP Protein of the 2-micron Plasmid of Yeast. Inter- and Intramolecular Reactions," <i>J. Biol. Chem.</i> 260:12328-12335, The American Society of Biological Chemists, Inc. (1985).
	AT	93	Haffter, P., and Bickle, T.A., "Enhancer-independent mutants of the <i>Cin</i> recombinase have a relaxed topological specificity," <i>EMBO J.</i> 7:3991-3996, IRL Press Limited (1988).

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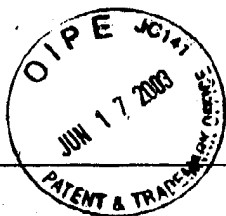
	AR	94	Hehl, R., et al., "Structural analysis of Tam3, a transposable element from <i>Antirrhinum majus</i> , reveals homologies to the Ac element from maize," <i>Plant Molec. Biol.</i> 16:369-371, Kluwer Academic Publishers (1991).
	AS	94	Hochuli, E., et al., "Genetic Approach to Facilitate Purification of Recombinant Proteins with a Novel Metal Chelate Adsorbent," <i>Bio/Technology</i> 6: 1321-1325, Nature Publishing Company (1988).
	AT	94	Hoess, R.H., and Abremski, K., "Interaction of the bacteriophage P1 recombinase Cre with the recombining site loxP," <i>Proc. Natl. Acad. Sci. USA</i> 81:1026-1029, National Academy of Sciences (1984).

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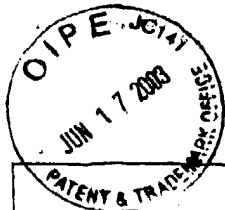
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	AR	<u>95</u>	Iida, S., et al., "A site-specific, conservative recombination system carried by bacteriophage P1. Mapping of the recombinase gene <i>cin</i> and the crossover sites <i>cix</i> for the inversion of the C segment." <i>EMBO J.</i> 1:1445-1453, IRL Press Limited (1982).
	AS	<u>95</u>	Kaniga, K., et al., "A wide-host-range suicide vector for improving reverse genetics in Gram-negative bacteria; inactivation of the <i>blaA</i> gene of <i>Yersinia enterocolitica</i> ," <i>Gene</i> 109:137-141, Elsevier Science B.V. (1991).
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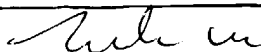
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	AR	96	Kolb, A.F., and Siddell, S.G., "Genomic targeting with an MBP-Cre fusion protein," Gene 183:53-60, Elsevier Science B.V. (1996).
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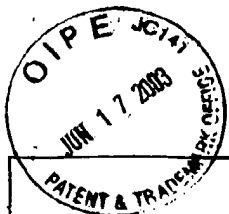
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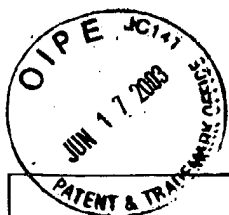
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	AR	97	Li, Z.-W., et al., "Generation of mice with a 200-kb amyloid precursor protein gene deletion by Cre recombinase-mediated site-specific recombination in embryonic stem cells," <i>Proc. Natl. Acad. Sci. USA</i> 93:6158-6162, National Academy of Sciences (1996).
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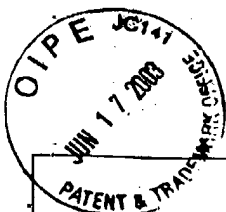
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	AR	98	Maniatis, T., et al., "Regulation of Inducible and Tissue-Specific Gene Expression," <i>Science</i> 236:1237-1245, American Association for the Advancement of Science (1987).
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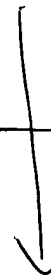

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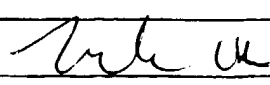
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	99	Metcalf, W.W., et al., "Conditionally Replicative and Conjugative Plasmids Carrying lacZ $\alpha$ for Cloning, Mutagenesis, and Allele Replacement in Bacteria," Plasmid 35:1-13, Academic Press (1996).
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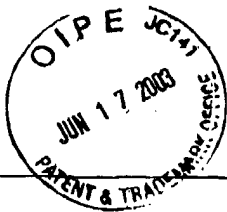
## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>100</u>	Nagy, A., "Cre Recombinase: The Universal Reagent for Genome Tailoring," <i>Genesis</i> 26:99-109, Wiley-Liss, Inc. (February 2000).
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	AT	<u>100</u>	Pal, S.K., et al., "P1 Plasmid Replication. Role of Initiator Titration in Copy Number Control," <i>J. Mol. Biol.</i> 192:275-285, Academic Press (1986).

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>101</u>	Qin, M., et al., "Cre recombinase-mediated site-specific recombination between plant chromosomes," <i>Proc. Natl. Acad. Sci. USA</i> 91:1706-1710, National Academy of Sciences (1994).
	AS	<u>101</u>	Qin, M., et al., "Site-specific cleavage of chromosomes in vitro through Cre-lox recombination," <i>Nucl. Acids Res.</i> 23:1923-1927, Oxford University Press (1995).
	AT	<u>101</u>	Reed, R.R., "Transposon-Mediated Site-Specific Recombination: A Defined in Vitro System," <i>Cell</i> 25:713-719, The MIT Press (1981).

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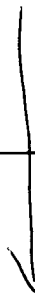

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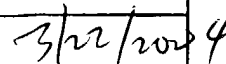
## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>102</u>	Sato, T., et al., "The <i>cisA</i> Cistron of <i>Bacillus subtilis</i> Sporulation Gene <i>spoIVC</i> Encodes a Protein Homologous to a Site-Specific Recombinase," <i>J. Bacteriol.</i> 172:1092-1098, American Society for Microbiology (1990).
	AS	<u>102</u>	Sauer, B., et al., "Construction of Isogenic Cell Lines Expressing Human and Rat Angiotensin II AT <sub>1</sub> Receptors by Cre-Mediated Site-Specific Recombination," <i>Methods: A Companion to Methods in Enzymology</i> 4:143-149, Academic Press (1992).
	AT	<u>102</u>	Schild, D. et al., "Cloning of three human multifunction <i>de novo</i> purine biosynthetic genes by functional complementation of yeast mutations," <i>Proc. Natl. Acad. Sci. USA</i> 87:2916-2920, National Academy of Sciences (1990).

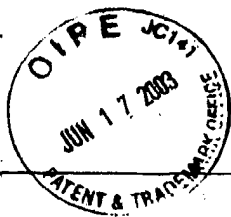
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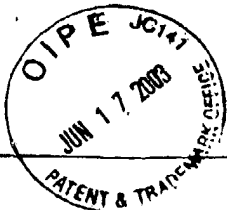
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u	AR	103	Segall, A.M., et al., "Architectural elements in nucleoprotein complexes: interchangeability of specific and non-specific DNA binding proteins," EMBO J. 13:4536-4548, Oxford University Press (1994).
↓	AS	103	Stark, W.M., et al., "Site-Specific Recombination by Tn3 Resolvase: Topological Changes in the Forward and Reverse Reactions," Cell 58:779-790, Cell Press (1989).
↓	AT	103	Stenzel, T.T., et al., "The Integration Host Factor of Escherichia coli Binds to Bent DNA at the Origin of Replication of the Plasmid pSC101," Cell 49:709-717, Cell Press (1987).

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	AR	104	Sugiura, S., et al., "Minimal Essential Origin of Plasmid pSC101 Replication: Requirement of a Region Downstream of Iterons," <i>J. Bacteriol.</i> 175:5993-6001, American Society for Microbiology (1993).
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	AR	105	Yoon, H., et al., "SSL1, a Suppressor for a HIS4 5'-UTR stem-loop mutation, is essential for translation initiation and affects UV resistance in yeast," Genes Dev. 6:2463-2477, Cold Spring Harbor Laboratory Press (1992).
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